



PATENT

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Dear Sir:

I hereby revoke all previous powers of attorney or authorizations of agent given in the patent applications listed below and any continuations or divisionals thereof. I hereby appoint All Practitioners at Customer Number 08933 to prosecute all applications listed below and any continuations or divisionals thereof and to transact all business in the United States Patent and Trademark Office connected therewith.

I hereby appoint the following additional attorneys, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Chien Chou
Simon Lu

Registration Number: 41,672
Registration Number: 51,974

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Please change the correspondence address for all the applications listed below to:

Customer No. 08933
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All telephone calls for all applications listed below should be addressed to Steven E. Koffs at
(215) 979-1250

CERTIFICATE UNDER 37 CFR 3.73(b)

Taiwan Semiconductor Manufacturing Co., Ltd. , a Corporation

(Name of Assignee)(Type of Assignee; e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent applications
identified below by virtue of an assignment from the inventor(s) of the patent applications:

Serial No.	Filing Date	Assignment Information
09/571,373	05/15/2000	Assignment recorded in the Patent and Trademark Office at Reel 010812, Frame 0451
09/809,830	03/19/2001	Assignment recorded in the Patent and Trademark Office at Reel 011,674, Frame 0521
09/934,549	08/23/2001	Assignment recorded in the Patent and Trademark Office at Reel 012131, Frame 0136
09/989,803	11/20/2001	Assignment recorded in the Patent and Trademark Office at Reel 012319, Frame 0654
10/038,389	01/03/2002	Assignment recorded in the Patent and Trademark Office at Reel 012510, Frame 0398
10/055,095	01/23/2002	Assignment recorded in the Patent and Trademark Office at Reel 012566, Frame 0922
10/176,857	06/21/2002	Assignment recorded in the Patent and Trademark Office at Reel 013034, Frame 0776
10/207,546	07/29/2002	Assignment recorded in the Patent and Trademark Office at Reel 013145, Frame 0588
10/209,148	07/30/2002	Assignment recorded in the Patent and Trademark Office at Reel 013156, Frame 0977
10/253,293	09/24/2002	Assignment recorded in the Patent and Trademark Office at Reel 013328, Frame 0061

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10/307,675	12/02/2002	Assignment recorded in the Patent and Trademark Office at Reel 013547, Frame 0671
10/671,293	09/25/2003	Assignment recorded in the Patent and Trademark Office at Reel 014554, Frame 0021
10/672,394	09/26/2003	Assignment recorded in the Patent and Trademark Office at Reel 014554, Frame 0213
10/682,052	10/09/2003	Assignment recorded in the Patent and Trademark Office at Reel 012792, Frame 0387
10/696,432	10/29/2003	Assignment recorded in the Patent and Trademark Office at Reel 012510, Frame 0398
10/706,495	11/12/2003	Assignment recorded in the Patent and Trademark Office at Reel 012510, Frame 0398
10/726,104	12/02/2003	Assignment recorded in the Patent and Trademark Office at Reel 013360, Frame 0288
10/767,276	01/29/2004	Assignment recorded in the Patent and Trademark Office at Reel 014944, Frame 0691

The undersigned has reviewed all the documents in the chain of title of the patent applications identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

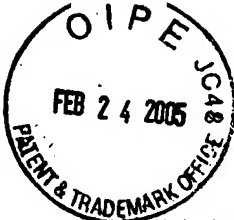
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Date: 11/29/2004

By: 

Name: Chien-Wei Chou

Title: Director, Intellectual Property Division



PTO/SB/122 (09-04)

Approved for use through 07/31/2006. OMB 0651-0035

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Application Number	10/706,495
Filing Date	November 12, 2003
First Named Inventor	Ying-Lang Wang
Art Unit	2813
Examiner Name	Tuan H. Nguyen
Attorney Docket Number	TS01-167CD

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Applicant/Inventor

Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).Attorney or agent of record. Registration Number 34,892

Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Signature

*Richard A. Paikoff*Typed or Printed
Name

Richard A. Paikoff

Date

February 22, 2005

Telephone

215-979-1853

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



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This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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